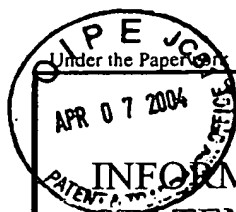


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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### COMPLETE IF KNOWN

Application Number	10/803,751
Confirmation Number	
Filing Date	March 18, 2004
First Named Inventor	Larry Neil Mackey
Group Art Unit	
Examiner Name	
Attorney Docket Number	8856C

SHEET 1 of 7

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
LBT		US- 1,856,401	05/03/1932	Prince	
		US- 1,885,256	11/01/1932	Gull	
		US- 2,570,449	10/09/1951	Horsak	
		US- 2,902,336	09/01/1959	Hiemstra et al.	
		US- 3,117,014	01/07/1964	Klug	
		US- 3,137,592	06/16/1964	Protzman et al.	
		US- 3,280,229	10/18/1966	Simons	
		US- 3,379,811	04/23/1968	Hartmann et al.	
V		US- 3,499,074	03/03/1970	Barger et al.	
LBT		US- 3,954,361	05/04/1976	Page	

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LBT		EP 0 722 980 B1	11/14/2001	Bastioli et al.		
		EP 0 080 382 B1	08/10/1988	Minto et al.		
		EP 1 035 163 A2	09/13/2000	Humatro Corporation		
		EP 1 035 239 A2	09/13/2000	Humatro Corporation		
		EP 1 103 655 A1	05/30/2001	Wielema et al.		
		EP 0 232 121	08/12/1987	Courtaulds PLC		
		EP 0 327 505 B2	08/09/1989	Novamont S.p.A.		
		EP 0 522 358 A2	01/13/1993	Ems-Inventa AG		
		EP 0 541 050 A2	05/12/1993	EMS-Inventa AG		
V		EP 0 108 364 B1	08/27/1986	Hitachi		
LBT		GB 1 247 474	09/22/1971	Barger et al.		

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LBT		US- 4,069,177	01/17/1978	Smith	
		US- 4,076,663	02/28/1978	Masuda et al.	
		US- 4,115,332	09/19/1978	Young et al.	
		US- 4,117,222	09/26/1978	Holst et al.	
		US- 4,139,699	02/13/1979	Hernandez et al.	
		US- 4,243,480	01/06/1981	Hernandez et al.	
		US- 4,340,563	07/20/1982	Appel et al.	
		US- 4,380,570	04/19/1983	Schwarz	
		US- 4,627,811	12/09/1986	Greiser et al.	
		US- 4,673,438	06/16/1987	Wittwer et al.	
		US- 4,818,463	04/04/1989	Buehning	
V		US- 4,826,415	05/02/1989	Mende	
LBT		US- 4,853,168	08/01/1989	Eden et al.	

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LBT		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	04/02/1992	Atsushi		
			JP 4100913		10/28/1997	Yuji et al.		
			JP 9276331		01/13/1998	Yuji et al.		
V			JP 10008364		02/06/1987	Morio		
LBT			JP 62028410		05/20/1992	Masahiko		
EXAMINER /Leo B. Tentoni/						DATE CONSIDERED 02/08/2007		

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		Confirmation Number	
		Filing Date	March 18, 2004
		First Named Inventor	Larry Neil Mackey
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	8856C

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LBT		US- 4,855,179	08/08/1989	Bourland et al.	
		US- 4,900,361	02/13/1990	Sachetto et al.	
		US- 5,079,354	01/07/1992	Gross et al.	
		US- 5,095,054	03/10/1992	Lay et al.	
		US- 5,122,048	06/16/1992	Deeds	
		US- 5,234,977	08/10/1993	Bastioli et al.	
		US- 5,275,774	01/04/1994	Bahr et al.	
		US- 5,277,761	01/11/1994	Van Phan et al.	
		US- 5,280,055	01/18/1994	Tomka	
		US- 5,286,770	02/15/1994	Bastioli et al.	
		US- 5,288,765	02/22/1994	Bastioli et al.	
✓		US- 5,314,934	05/24/1994	Tomka	
LBT		US- 5,316,578	05/31/1994	Buehler et al.	

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LBT		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	10/08/1996	Shinichi et al.		
		JP	8260250		01/30/1996	Shinichi		
		JP	8027627		02/10/1997	Shinichi		
		JP	9041224		09/27/1994	Toray Industries Inc.		
✓		JP	06-269,239		08/02/1994	Honshu Paper Co. Ltd.		
LBT		JP	6212594		02/26/1986	Nippon Shokuhin Kako KK		
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LBT		US- 5,346,936	09/13/1994	Buehler et al.	
		US- 5,362,777	11/08/1994	Tomka	
		US- 5,368,690	11/29/1994	Solarek et al.	
		US- 5,382,611	01/17/1995	Stepito et al.	
		US- 5,405,564	04/11/1995	Stepito et al.	
		US- 5,420,180	05/30/1995	Katayama et al.	
		US- 5,425,987	06/20/1995	Shawver et al.	
		US- 5,427,614	06/27/1995	Wittwer et al.	
		US- 5,444,113	08/22/1995	Sinclair et al.	
		US- 5,446,140	08/29/1995	Maheras et al.	
		US- 5,462,982	10/31/1995	Bastioli et al.	
✓		US- 5,476,616	12/19/1995	Schwarz	
LBT		US- 5,480,923	01/02/1996	Schmid et al.	

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LBT		WO 00/43423	07/27/2000	Schroeder et al.		
		WO 98/40434	09/17/1998	Hanna et al.		
✓		WO 01/38635	05/31/2001	Wielema et al.		
LBT		WO 01/49912 A1	07/12/2001	Tsai et al.		

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LBT		US- 5,516,815	05/14/1996	Buehler et al.	
		US- 5,679,145	10/21/1997	Andersen et al.	
		US- 5,693,279	12/02/1997	Feuer et al.	
		US- 5,703,160	12/30/1997	Dehennau et al.	
		US- 5,705,536	01/06/1998	Tomka	
		US- 5,720,832	02/24/1998	Minto et al.	
		US- 5,736,586	04/07/1998	Bastoli et al.	
		US- 5,773,495	06/30/1998	Haschke et al.	
		US- 5,844,023	12/01/1998	Tomka	
		US- 5,866,251	02/02/1999	Bastoli et al.	
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		US- 5,945,480	08/31/1999	Wang et al.	
		US- 6,013,223	01/11/2000	Schwarz	
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		US- 6,117,925	09/12/2000	Tomka	
LBT		US- 6,214,907 B1	04/10/2001	Tomka	

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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SHEET 6 of 7	Application Number      10/803,751
	Confirmation Number
	Filing Date      March 18, 2004
	First Named Inventor      Larry Neil Mackey
	Group Art Unit
	Examiner Name
Attorney Docket Number      8856C	

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LBT		US- 6,218,321 B1	04/17/2001	Lorcks et al.	
		US- 6,231,970 B1	05/15/2001	Andersen et al.	
		US- 6,235,815 B1	05/22/2001	Loercks et al.	
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		US- 6,242,102 B1	06/05/2001	Tomka	
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		US- 6,303,000 B1	10/16/2001	Floyd et al.	
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		US2002/0170693 A1	11/21/2002	Merrette et al.	
		US2003/0022581 A1	01/30/2003	TSAI et al.	
		US2003/0072731 A1	04/17/2003	Gulian et al.	
LBT		US2003/0099692 A1	05/29/2003	Lydzinski et al.	

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	Application Number	10/803,751
	Confirmation Number	
	Filing Date	March 18, 2004
	First Named Inventor	Larry Neil Mackey
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	8856C

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
LBT		A.J.F. de Carvalho, A.A.S. Curvelo, J.A.M. Agnelli, A FIRST INSIGHT ON COMPOSITES OF THERMOPLASTIC STARCH AND KAOLIN, Carbohydrate Polymers 45 (2001) 189-194, received 23 September 1999; revised 26 January 2000, 2001 Elsevier Science Ltd.	
		W. John G. McCulloch, Ph.D., THE HISTORY OF THE DEVELOPMENT OF MELT BLOWING TECHNOLOGY, INJ Spring 1999, pages 66-72.	
		Author Unknown, A NEW CROP OF NONWOVENS, Nonwovens Industry, February 2000, page 58.	
		Susan Warren, CARGILL, DOW CHEMICAL TO MAKE 'NATURAL PLASTIC', Wall Street Journal, January 11, 2000.	
		Susanna Schiemer, BIODEGRADABLE CELLULOSE FIBER, Nonwovens World, October-November 1999, pages 71-74.	
		H. Dale Wilson, NOVEL POLYPROPYLENE RESINS FOR NONWOVENS, Nonwovens World October-November 1999, page 76.	
		Jan H. Schut, THE NEW LOOK IN PLASTIC - IT'S PAPER!, Plastics Technology, February 2000, pages 52-57.	
		Josef L. Kokin, Lih-Shiuh Lai, Lisa L. Chedid, EFFECT OF STARCH STRUCTURE ON STARCH RHEOLOGICAL PROPERTIES, Food Technology, June 1992, pages 130-138.	
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		D.H. Muller, A. Krobjilowski, MELTBLOWN FABRICS FROM BIODEGRADABLE POLYMERS, International Nonwovens Journal (March 2001); abstract only.	
✓			
LBT		S. Simmons et al., THERMOPLASTIC PROCESSING OF STARCH: MELT-SPINNING OF STARCH-BASED FIBERS, Biodegradable Polymer Packaging (1993), Conference Proceedings, Publisher: Technomic, Lancaster, PA, pages 171-207.	
EXAMINER /Leo B. Tentoni/		DATE CONSIDERED 02/08/2007	

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SHEET 1 of 1

Application Number	10/803,751
Confirmation Number	6886
Filing Date	March 18, 2004
First Named Inventor	Michael David James
Group Art Unit	<del>1755</del>
Examiner Name	<del>Mark Lee Bell</del>
Attorney Docket Number	8856C

## U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

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LBT		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	09/23/1998	Aluminum Co. of America		

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LBT		EP 0 865 841 B1	09/23/1998	Aluminum Co. of America		
EXAMINER /Leo B. Tentoni/			DATE CONSIDERED 02/08/2007			

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